

Date: Sun, 9 Oct 94 04:30:09 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: List  
Subject: Info-Hams Digest V94 #1107  
To: Info-Hams

Info-Hams Digest                      Sun, 9 Oct 94                      Volume 94 : Issue 1107

Today's Topics:

CABLE TV LEAKAGE  
Florescent light wiring  
Need DX-302 specs...:(  
Re How Far With QRP

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sat, 08 Oct 94 00:28:32 -0500  
From: Darren Leno <Darren.Leno@f747.n115.z1.nwugate.fidonet.org>  
Subject: CABLE TV LEAKAGE

:> On a similer vein... Cable TV in the UK uses  
:> frequencies from 40Mhz to  
:> 300Mhz. Under British law... If they are leaking onto our frequencies  
:> from the pipe it is thier responsibility. If we interfere with them  
:> (even TX on their fundimental) it is their  
:> responsibility. Is that the  
:> same in the US ?

EH(> : Legally, yes. In practical terms, just try to get them to admit that  
EH(> : it's their responsibility. Succeeding at that, just  
EH(> try to get them to  
EH(> : do something about it before the neighbors pin your coax

I had a problem with bad cable leakage all over the 2 meter band. I wrote a  
letter to the FCC describing the interference, listing the frequencies, and

inquiring as to whether or not it might be from the local Cable TV company.

Well, about three weeks later, getting calls from the head technician of the cable company. He came out to house and spent nearly a week camped in my ham shack, using my 11 element beam to get a signal strength reading and bearing on the spurious signals. Then, he'd dispatch remote units to the general area to try to pin-point the leak.

They plugged a BUNCH of leaks, and the tech told me he found several ILLEGAL cable connections which were causing the leaks. Other things that apparently cause these RF leaks are old coax, rusty and loose cable connectors, the sort of things you might expect. On one major leak, apparently an electrical linesman had scaled a telephone poll, and his metal cleats had punctured the cable company's coax, which ran down the poll to a house. In another case, someone had hooked up his TV antenna incorrectly and it was radiating the cable signals.

Apparently the technician had to reply to the FCC within a certain number of days and tell them what he had done to solve the problem. He also asked me to write a letter to the FCC telling them that the cable company had acted to solve the interference (which I did).

One simple letter to the FCC from a friendly ham sent a major cable company scrambling to clean up its act. (he he he.)

73

de WDOEWJ.9

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Date: 08 Oct 1994 21:57:35 GMT  
From: Alex\_J.B.\_Patrick@metro.mactel.org (Alex J.B. Patrick)  
Subject: Florescent light wiring

Do you know anything about florescent tube lights, fuses and their ratings, please would you mind checking the enclosed circuit, of the mains wiring for a UV light box, I'm building. Some specific things I need verifying are:

- 1) Are the fuses in the correct place?
- 2) Are the fuse ratings, I've given them okay?
- 3) Should I use slow blow, fast blow or anti-surge fuses?
- 4) I am using two 12" florescent tubes, am I right to connect them in parallel?
- 5) I have a relay connected to a timer CCT., switching the mains to the florescent tubes, am I right to be switching both the live and the neutral mains lines.
- 6) Would there be any mains suppression CCT. needed?



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I am far, far, far from being the ultimate QRP achiever, and many people have done better than mine. The recent posting asked how far one could go with 1 mW and 1 W. With 50 mW and under, during the height of the sunspot cycle I worked regularly into Europe on 20, 15 and 10M from the east coast of the US, using a 40M delta loop. For many years I have been checking into the Saturday morning QRP net on 7040 KHz with 10 mW down to 1 mW with the net control station 350 miles away. Randy Rand, AA2U, has over 100 countries with 100 mW and under. The short answer to your question is that, with proper conditions, time of day, etc, one watt can (and most absolutely DOES) work anywhere in the world, and with a bit of effort and luck, much lower powers do the same. (If interested in QRP building and operating, you might want to sign up for the QRP mailing list; send e-mail to [listserv@netcom.com](mailto:listserv@netcom.com), subject line unimportant, and for text say, without the quotes, "subscribe qrp-1".) 73 DE WA8MCQ

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End of Info-Hams Digest V94 #1107

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